

Attorney Docket No. 0756-1724

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Masaaki HIROKI et al.

Serial No. 08/943,238

Filed: October 3, 1997

For: METHOD OF MAKING AN ACTIVE-  
TYPE LCD WITH DIGITALLY  
GRADED DISPLAY

) Group Art Unit: 2814

) Examiner: S. Rao

) CERTIFICATE OF MAILING) I hereby certify that this correspondence is  
being deposited with the United States Postal  
Service with sufficient postage as First Class  
Mail in an envelope addressed to:  
Commissioner for Patents, P.O. Box 1450,  
Alexandria, VA 22313-1450, on) June 16, 2004  
Adrian O. Jones

*P. J. Ertler*  
*09/27/2004*  
*gn*

INFORMATION DISCLOSURE STATEMENTHonorable Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing references known to Applicant and requests that these references be made of record in the above identified application. Copies of the references listed are submitted herewith in accordance with 37 C.F.R. 1.98(a).

In accordance with 37 C.F.R. § 1.97(e), it is certified that either (1) each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement, or (2) no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign patent application and no item of information contained in the information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this information disclosure statement.

An RCE was filed in this application on January 29, 2004, and no further Office Action has been received. Therefore no fee is required.

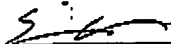
The Commissioner is hereby authorized to charge fees under 37 C.F.R. §§1.16, 1.17, 1.20(a), 1.20(b), 1.20(c), and 1.20(d) (except the Issue Fee) which may be

- 2 -

Application Serial No. 08/943,238  
Attorney Docket No. 0756-1724

required now or hereafter, or credit any overpayment to Deposit Account No. 50-2280.  
A duplicate copy of this sheet is attached.

Respectfully submitted,

  
Eric J. Robinson  
Reg. No. 38,285

Robinson Intellectual Property Law Office, P.C.  
PMB 955  
21010 Southbank Street  
Potomac Falls, Virginia 20165  
(571) 434-6789

- 1 -

Docket No. 0756-1724

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of ) Art Unit: 2814  
Masaaki HIROKI et al. ) Examiner: S. Rao  
Serial No. 08/943,238 )  
Filed: October 3, 1997 )  
For: METHOD OF MAKING AN ACTIVE- )  
TYPE LCD WITH DIGITALLY GRADED )  
DISPLAY )

Jan 29-04

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

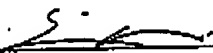
In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing references known to Applicant and requests that these references be made of record in the above identified application. Copies of the references listed are submitted herewith in accordance with 37 C.F.R. 1.98(a).

U.S. Patent 5,572,345 is in the family of JP 62-210422.

This Information Disclosure Statement is being submitted with an RCE. Therefore, no fee is required.

The Commissioner is hereby authorized to charge fees under 37 C.F.R. §§1.16, 1.17, 1.20(a), 1.20(b), 1.20(c), and 1.20(d) (except the Issue Fee) which may be required now or hereafter, or credit any overpayment to Deposit Account No. 50-2280. A duplicate copy of this sheet is attached.

Respectfully submitted,

  
Eric J. Robinson  
Reg. No. 38,285  
Robinson Intellectual Property Law Office, P.C.  
PMB 955, 21010 Southbank Street  
Potomac Falls, Virginia 20165  
(571) 434-6789

- 1 -

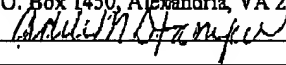
Docket No. 0756-1724

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of ) Art Unit: 2814  
Masaaki HIROKI et al. ) Examiner: S. Rao  
Serial No. 08/943,238 )  
Filed: October 3, 1997 )  
For: ELECTRO-OPTICAL DEVICE )

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with  
The United States Postal Service with sufficient postage as First  
Class Mail in an envelope addressed to: Commissioner for Patents,  
P.O. Box 1450, Alexandria, VA 22313-1450, on May 29, 2003.

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing references known to Applicant and requests that these references be made of record in the above identified application. Copies of the references listed are submitted herewith in accordance with 37 C.F.R. 1.98(a).

U.S. Publication No. 2002/0033906 is a divisional of U.S. Serial No. 08/943,333 which was brought to the Examiner's attention in the Identification of Co-pending Applications filed April 21, 1999 and Notification of Related Applications filed November 24, 1999.

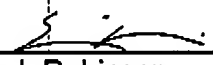
This Information Disclosure Statement is being filed after the issuance of an Official Action and the requisite fee of \$180.00 is enclosed.

- 2 -

Application No. 08/943,238  
Docket No. 0756-1724

The Commissioner is hereby authorized to charge fees under 37 C.F.R. §§1.16, 1.17, 1.20(a), 1.20(b), 1.20(c), and 1.20(d) (except the Issue Fee) which may be required now or hereafter, or credit any overpayment to Deposit Account No. 50-2280. A duplicate copy of this sheet is attached.

Respectfully submitted,

  
Eric J. Robinson  
Reg. No. 38,285Robinson Intellectual Property Law Office, P.C.  
PMB 955  
21010 Southbank Street  
Potomac Falls, Virginia 20165  
(571) 434-6789

- 1 -

Docket No. 0756-1724

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of ) Art Unit: 2814  
Masaaki HIROKI et al. ) Examiner: S. Rao  
Serial No. 08/943,238 )  
Filed: October 3, 1997 )  
For: ELECTRO-OPTICAL DEVICE )

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with  
The United States Postal Service with sufficient postage as First  
Class Mail in an envelope addressed to: Commissioner for Patents,  
P.O. Box 1450, Alexandria, VA 22313-1450, on 5.9.03

*Ashe M. Stamps*

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing references known to Applicant and requests that these references be made of record in the above identified application. Copies of the references listed are submitted herewith in accordance with 37 C.F.R. 1.98(a).

In accordance with 37 C.F.R. § 1.97(e), it is certified that either (1) each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement, or (2) no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application and no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

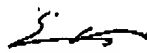
- 2 -

Application No. 08/943,238

Docket No. 0756-1724

The Commissioner is hereby authorized to charge fees under 37 C.F.R. §§1.16, 1.17, 1.20(a), 1.20(b), 1.20(c), and 1.20(d) (except the Issue Fee) which may be required now or hereafter, or credit any overpayment to Deposit Account No. 50-2280. A duplicate copy of this sheet is attached.

Respectfully submitted,

  
Eric J. Robinson  
Reg. No. 38,285

Robinson Intellectual Property Law Office, P.C.  
PMB 955  
21010 Southbank Street  
Potomac Falls, Virginia 20165  
(571) 434-6789

- 1 -

Docket No. 0756-1724

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Masaaki HIROKI et al. )  
Serial No. 08/943,238 )  
Filed: October 1, 1997 )  
For: ELECTRO-OPTICAL DEVICE )  
)  
)  
)  
)

Art Unit: 2814

Examiner: S. Rao

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with  
The United States Postal Service with sufficient postage as First  
Class Mail in an envelope addressed to: Commissioner for Patents,  
Washington, D.C. 20231, on 9/27/04

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, DC 20231

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing references known to Applicant and requests that these references be considered by the Examiner and made of record in the above identified application. Copies of the references listed are submitted herewith in accordance with 37 C.F.R. 1.98(a).

In accordance with 37 C.F.R. § 1.97(e), it is certified that either (1) each item of information contained in the information disclosure statement except U.S. Patent 4,648,691 was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement, or (2) no item of information contained in the information disclosure statement except U.S. Patent 4,648,691 was cited in a communication from a foreign patent office in a counterpart foreign patent application and no item of information contained in the information disclosure statement except U.S. Patent 4,648,691 was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this information disclosure statement.

Specifically, the references not marked by an asterisk were cited against two counterpart Japanese patents, Japanese Patents 3,222,451 and 3,222,452, by an opponent during opposition. Both of these Japanese Patents issued in counterpart Japanese applications of the above-identified application.



- 2 -

Application No. 08/943,238  
Docket No. 0756-1724

The references marked with an asterisk were cited against a counterpart Japanese patent, Japanese Patent 3,222,446, by an opponent during the opposition period. This Japanese Patent issued in a counterpart Japanese Application of the above-identified application.

Applicants note that no English translation is available for the following references, therefore an explanation of each is as follows:

Color Liquid Crystal Display - This reference relates to an LCD having an integrated peripheral driver circuit using poly-Si TFT of N-type TFT and P-type TFT.

Flat Panel Display Device 1991 - This reference was cited for showing that it was well known to use an active matrix device for a view finder for a VTR having an integrated camera or other devices.

Flat Panel Display Device - 1992 - This reference appears to have been cited for showing that an active matrix liquid crystal display device has a driver circuit. Also, Fig. 16 shows a COG (chip on glass) for providing a driver LSI on a glass substrate of a liquid crystal panel. This reference appears to have been cited for showing that an active matrix liquid crystal display device has a driver circuit.

U.S. Patent 4,648,691 is in the family of JP 56-094386.

U.S. Patent 5,051,570, which was previously submitted, is in the family of JP 02-282728.

The Commissioner is hereby authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 50-2280.

Respectfully submitted,



Eric J. Robinson  
Reg. No. 38,285

Robinson Intellectual Property Law Office, P.C.  
PMB 955  
21010 Southbank Street  
Potomac Falls, Virginia 20165  
(571) 434-6789

- 1 -

Docket: 0756-1724

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re DIVISIONAL Application of )  
Masaaki HIROKI et al. )  
Based On Serial No. 08/372,899 ) Art Unit: 2609  
Which Was Filed: January 17, 1995 ) Examiner: L. Lao  
For: ELECTRO-OPTICAL DEVICE ) Date: October 3, 1997

INFORMATION DISCLOSURE STATEMENT AND NOTIFICATION  
OF RELATED PATENT APPLICATION

Honorable Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, it is requested that the references listed on the attached Form PTO-1449 be made of record in the above-identified application.

The references listed on the attached Form PTO-1449 were cited in parent application Serial No. 08/372,899, filed January 17, 1995; and the predecessor applications including Serial No. 07/993,391, filed December 18, 1992; and Serial No. 08/837,394, filed February 18, 1992 (now U.S. Patent No. 5,200,846).

Also listed on Form PTO-1449 are prior art cited in related application Serial No. 08/776,709. Copies of these references are submitted herewith in

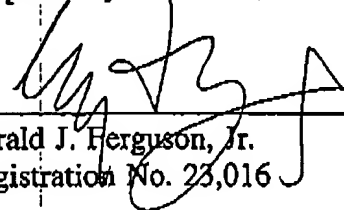
- 2 -

Docket: 0756-1724

accordance with 37 C.F.R. 1.98(a).

The attention of the Examiner is directed to another Rule 60 divisional application of parent application Serial No. 08/372,899 filed on even date herewith.

Respectfully submitted,

  
\_\_\_\_\_  
Gerald J. Ferguson, Jr.  
Registration No. 23,016

Sixbey, Friedman, Leedom & Ferguson, P.C.  
2010 Corporate Ridge, Suite 600  
McLean, Virginia 22102  
(703) 790-9110